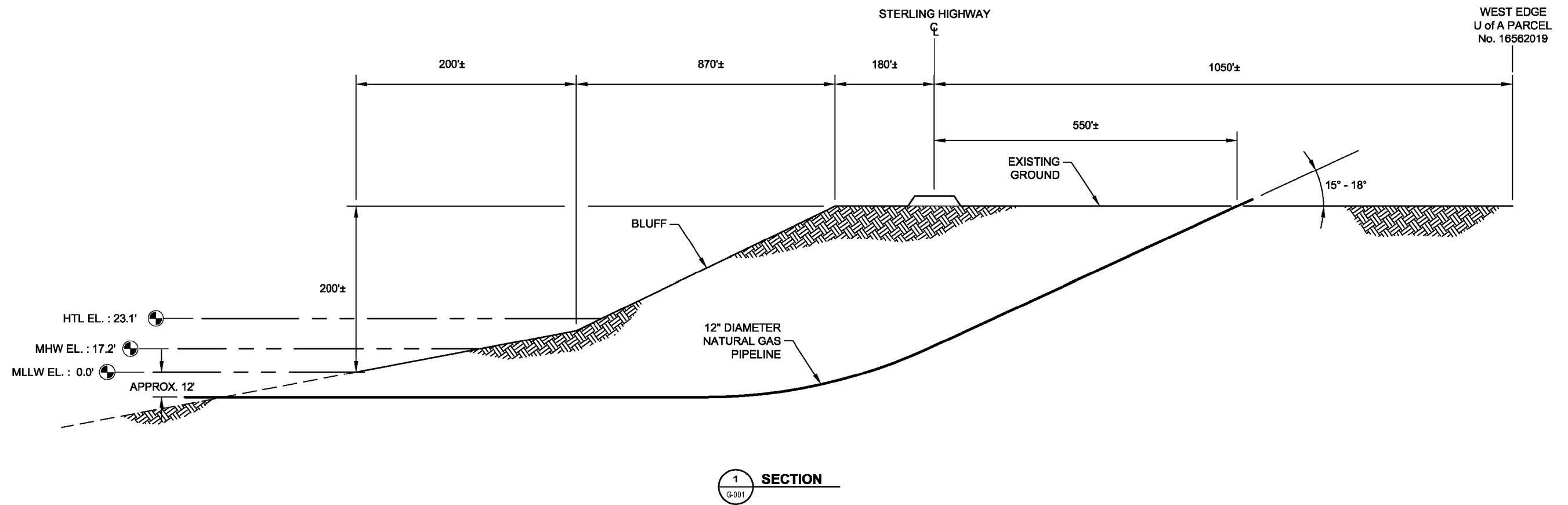


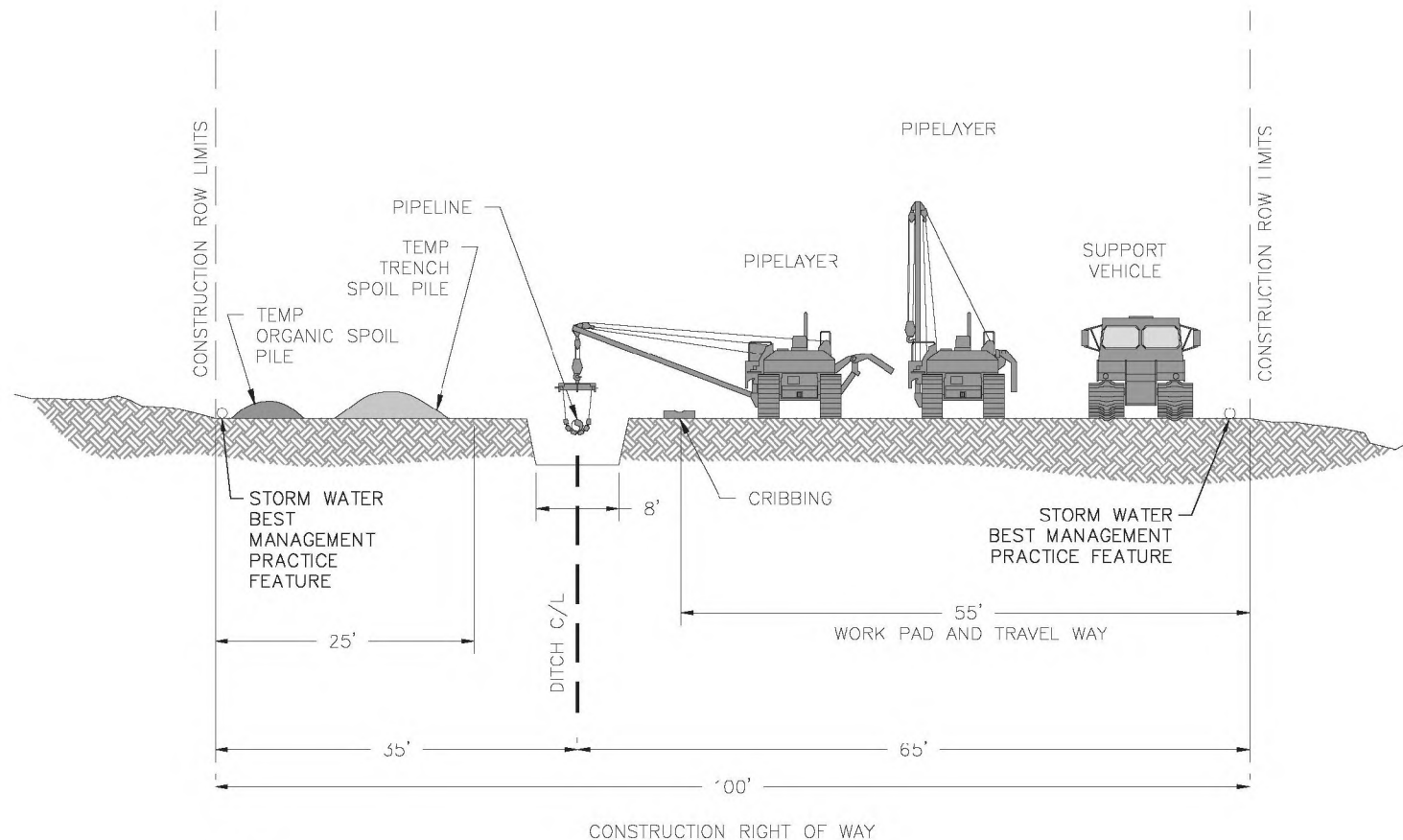
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|--|--|--|-----------------------------|
| PEBBLE PROJECT | | DRAWING TITLE: | |
| APPLICANT: PEBBLE LIMITED PARTNERSHIP | | NATURAL GAS PIPELINE COMPRESSOR STATION PLAN AND TYPICAL SECTIONS | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT | | |
| WATERWAY: COOK INLET | FILE NO. POA-2017-271 | DATE: JUNE 2020 | FIGURE NO. GX-001 |



1 SECTION
G-001

NOTE: TIDE ELEVATIONS BASED ON
SELDOVIA STATION ID 9455500

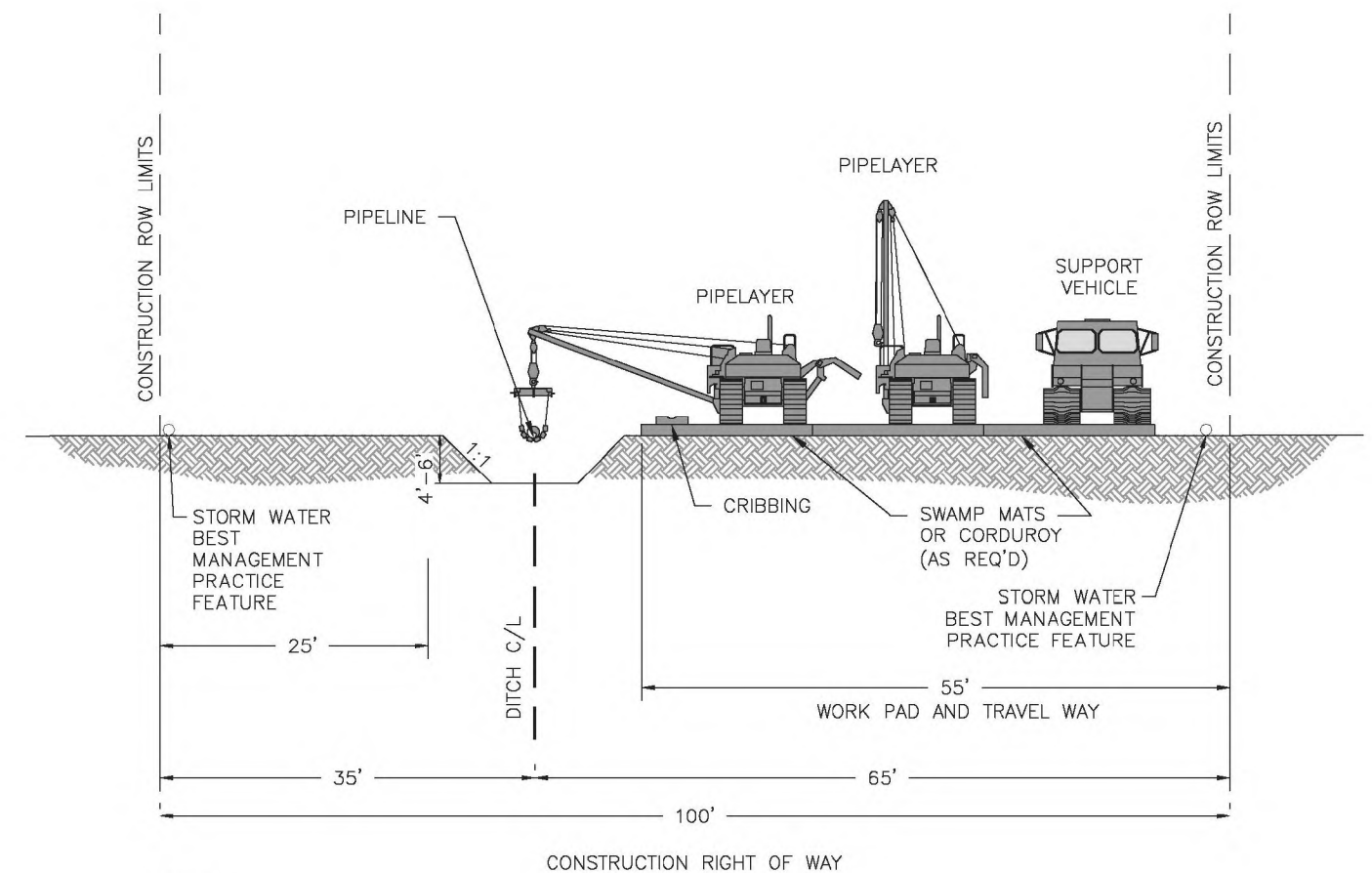
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|--|--|--|---|
| <div>PEBBLE PROJECT</div> <div>APPLICANT: PEBBLE LIMITED PARTNERSHIP</div> | | <div>DRAWING TITLE:</div> <div>NATURAL GAS PIPELINE ANCHOR POINT BLUFF HHD TYPICAL SECTION</div> | |
| <div>LAT., LONG. OF MINE</div> <div>59°53'51.29"N 155°18'2.83"W</div> | <div>PROPOSED ACTIVITY:</div> <div>MINERAL DEVELOPMENT</div> | | |
| <div>WATERWAY:</div> <div>COOK INLET</div> | <div>FILE NO.</div> <div>POA-2017-271</div> | | |
| | | <div>DATE:</div> <div>JUNE 2020</div> | <div>FIGURE NO.</div> <div>GX-002</div> |



NOTES:

1. STORMWATER BEST MANAGEMENT PRACTICE FEATURES TO BE APPLIED AS APPROPRIATE FOR SITE CONDITIONS. FEATURES MAY INCLUDE: SILT FENCE, STRAW WATTLES, EROSION CONTROL MATS, OR SURFACE ARMORING WITH ROCK.

SUMMER GRADED R.O.W. MODE



NOTES:

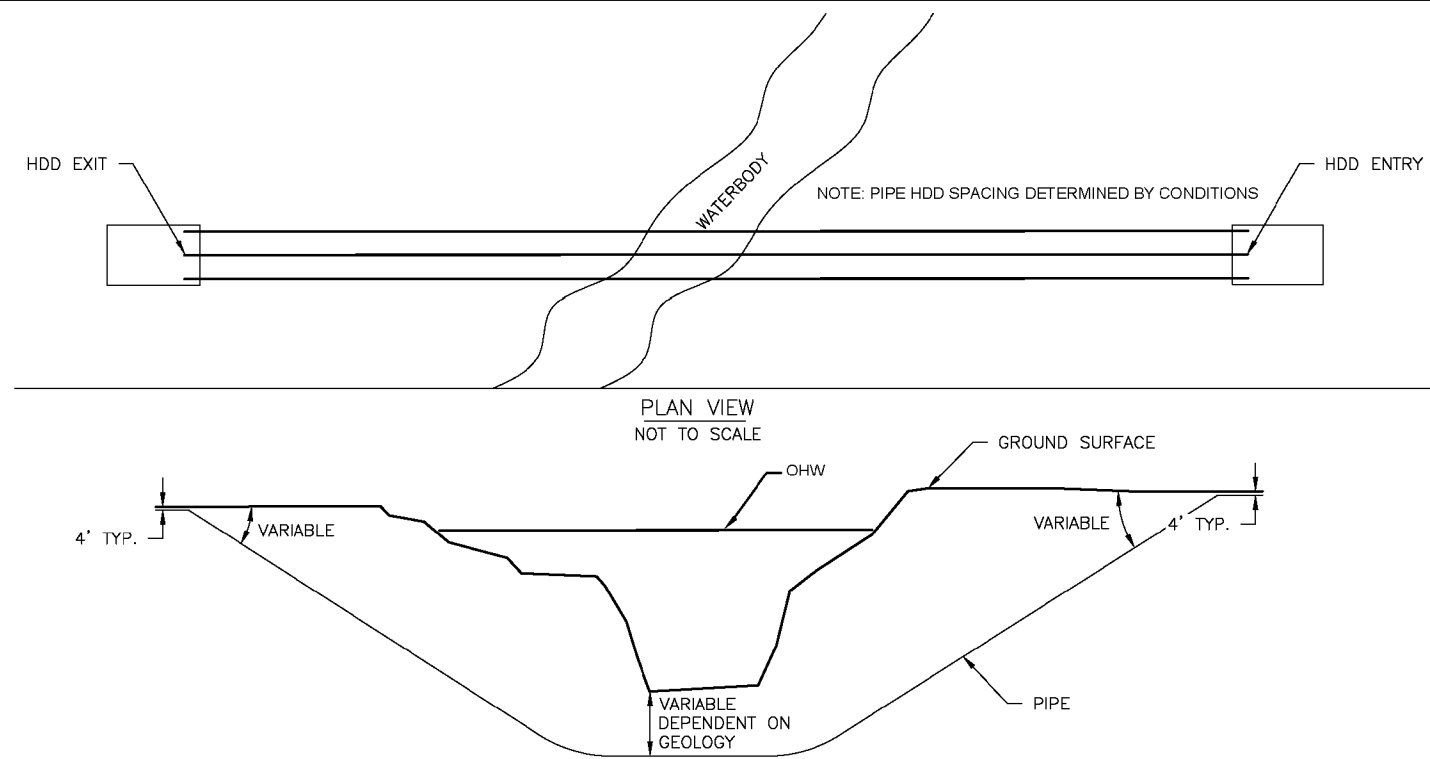
1. NO REFUELING OF MOBILE EQUIPMENT IN WETLAND SECTIONS.
2. UNUSABLE MATERIAL (SPOILS) EXCAVATED FROM PIPELINE TRENCH TO BE PLACED AT APPROVED UPLAND LOCATIONS OR WITHIN THE PERMANENT FILL FOOTPRINT.
3. STORMWATER BEST MANAGEMENT PRACTICE FEATURES TO BE APPLIED AS APPROPRIATE FOR SITE CONDITIONS. FEATURES MAY INCLUDE: SILT FENCE, STRAW WATTLES, EROSION CONTROL MATS, OR SURFACE ARMORING WITH ROCK.

SUMMER WETLANDS R.O.W. MODE

NOTES:

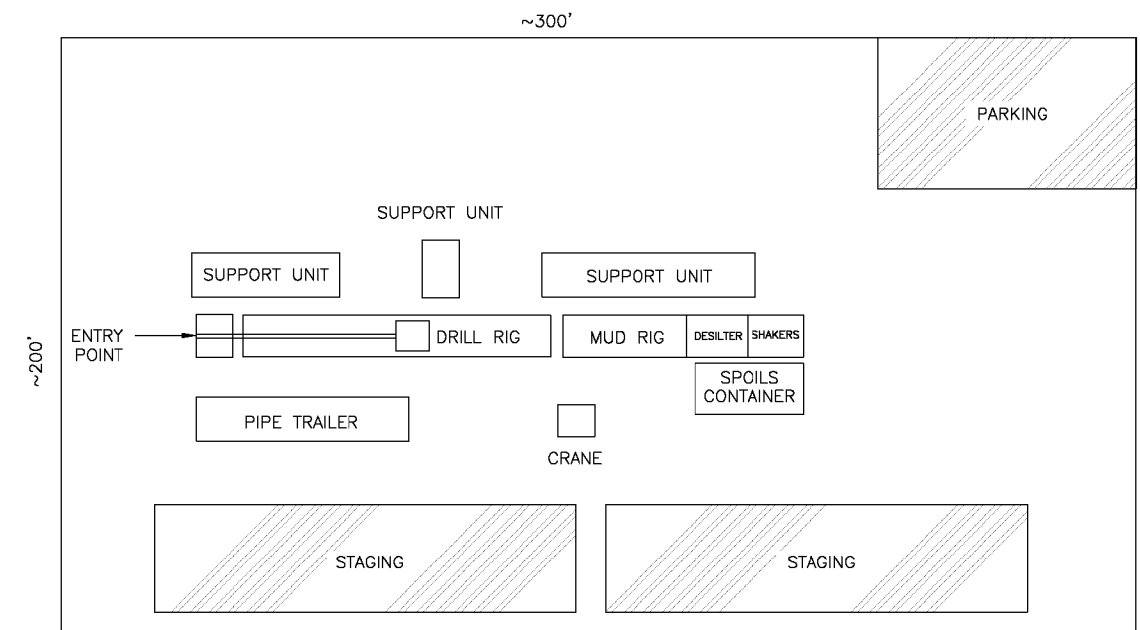
1. FIBRE OPTIC CABLE INSTALLED IN COMMON DITCH.

| | | | |
|--|---|---|--|
| PEBBLE PROJECT | | DRAWING TITLE: RIGHT OF WAY CROSS SECTION WETLANDS SUMMER CONSTRUCTION | |
| APPLICANT: PEBBLE LIMITED PARTNERSHIP | | | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT | DATE: JUNE 2020 | |
| WATERWAY: VARIOUS | FILE NO. POA-2017-271 | | |
| | | FIGURE NO. GX-003 | |



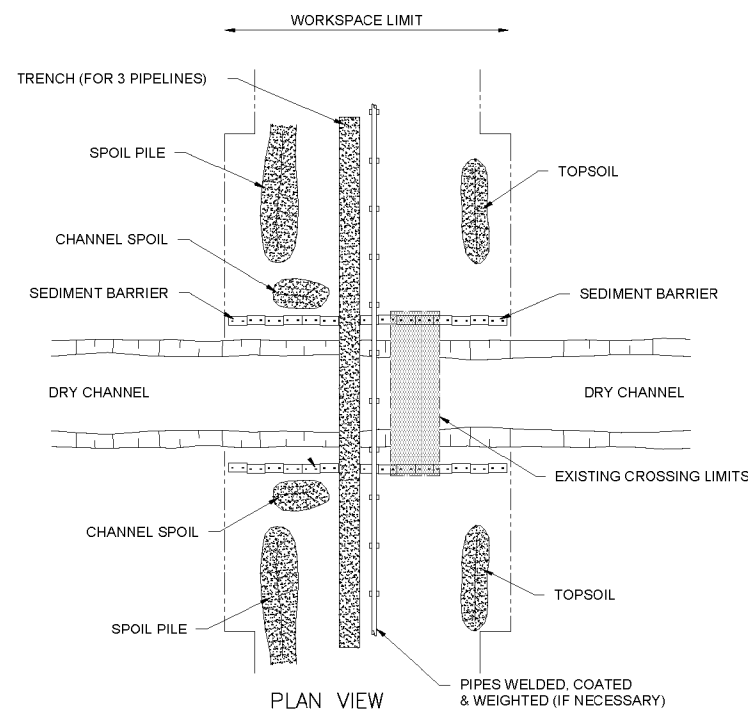
PROFILE VIEW
NOT TO SCALE

TYPICAL HDD PLAN & PROFILE



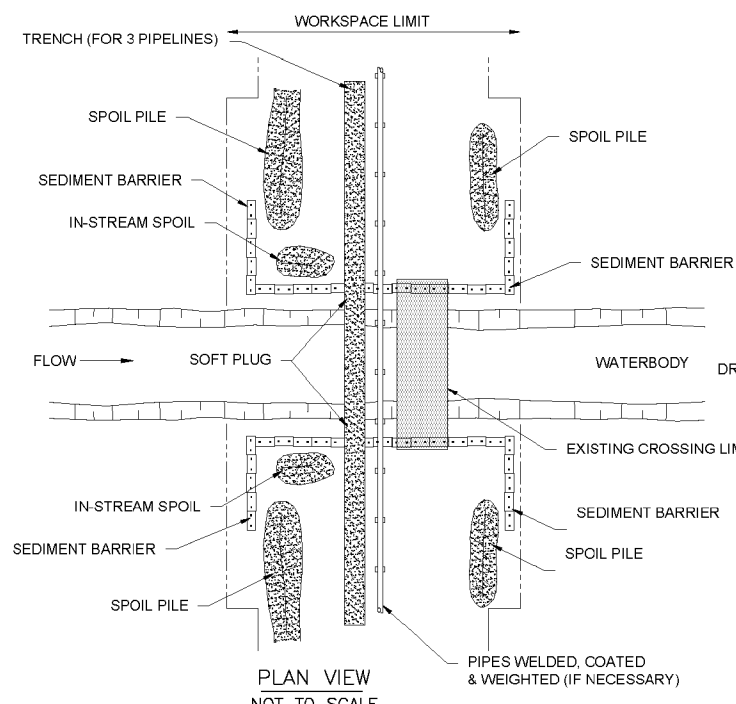
PLAN VIEW
NOT TO SCALE

TYPICAL HDD ENTRY/EXIT SITE
EQUIPMENT LAYOUT



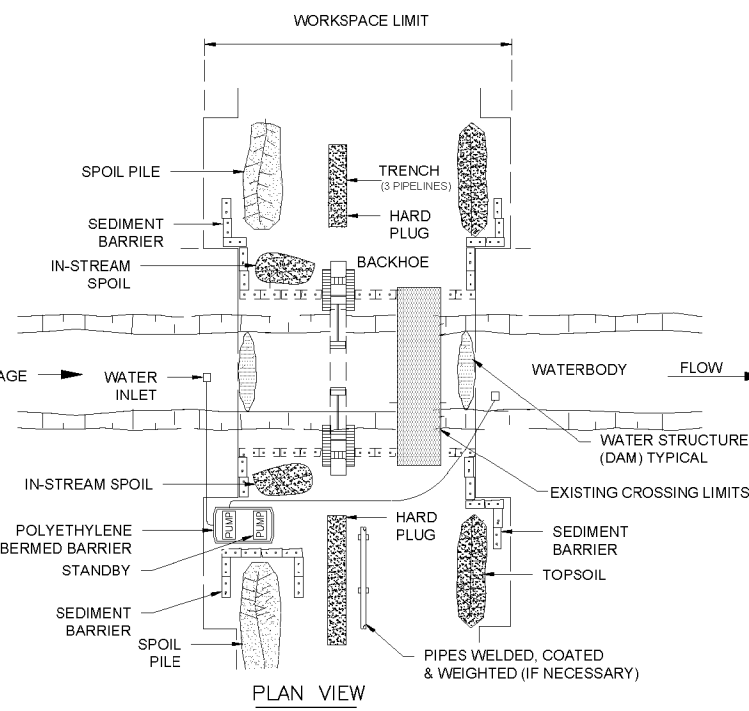
PLAN VIEW
NOT TO SCALE

TYPICAL NON-FLOWING WATERBODY
CROSSING OPEN-CUT



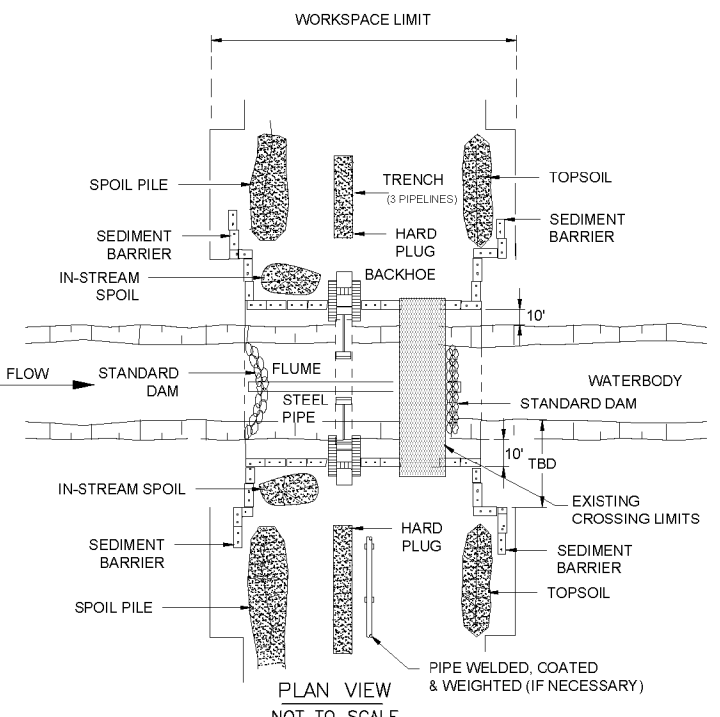
PLAN VIEW
NOT TO SCALE

TYPICAL FLOWING WATERBODY
CROSSING OPEN-CUT



PLAN VIEW
NOT TO SCALE

TYPICAL FLOWING WATERBODY
CROSSING OPEN-CUT DAM & PUMP



PLAN VIEW
NOT TO SCALE

TYPICAL FLOWING WATERBODY
CROSSING OPEN-CUT DRY FLUME

CROSSING MODE SELECTION CRITERIA AND PRECEDENCE

- 1) BEDROCK CROSSING OR ADF&G CONDITION - UTILIZE HDD, OTHERWISE OPEN CUT
- 2) NON-FLOWING WATERBODY - UTILIZE OPEN-CUT
- 3) FLOW VELOCITY AND STREAMBED MATERIAL SUPPORT OPEN-CUT - UTILIZE UNLESS DIRECTED OTHERWISE BY ADF&G
- 4) FLOW VOLUME SUITABLE FOR DAM & PUMP - UTILIZE OPEN-CUT DAM & PUMP
- 5) FLOW VOLUME TOO LARGE FOR DAM & PUMP - UTILIZE OPEN-CUT DRY FLUME

NOTES:

1. SCHEDULE CROSSING DURING LOW FLOW PERIOD IF POSSIBLE.
2. WORKSPACE LIMIT MAXIMUM OF 30 FEET BEYOND TOE OF FILL OR TOP OF CUT
3. COMPLETE ALL IN-STREAM ACTIVITIES WITHIN 24 HOURS IF FEASIBLE.
4. NO REFUELING OF MOBILE EQUIPMENT WITHIN 200 FEET OF WATERBODY.
5. CONSTRUCT SEDIMENT BARRIERS ALONG THE SIDES OF STOCKPILES AND ACROSS THE ENTIRE CONSTRUCTION R.O.W.
6. SPOIL TO BE STORED OUT OF THE STREAM CHANNEL AND ADJACENT WETLANDS AND WITHIN THE CONSTRUCTION R.O.W.
7. INSTALL SOFT PLUGS AT THE EDGE OF STREAM BANKS UNTIL JUST PRIOR TO PIPE INSTALLATION IF NEEDED.
8. MAINTAIN STREAM FLOW THROUGHOUT CROSSING CONSTRUCTION.
9. BACKFILL WITH NATIVE MATERIAL.
10. RESTORE WATERBODY CHANNEL TO APPROXIMATE PRE-CONSTRUCTION PROFILE AND SUBSTRATE.
11. RESTORE STREAM BANKS TO APPROXIMATE ORIGINAL CONDITION AND STABILIZE, AS REQUIRED.
12. ALL DIMENSIONS SHALL BE DETERMINED BY ACTUAL CONSTRUCTION CONDITIONS.

PEBBLE PROJECT

APPLICANT: PEBBLE LIMITED PARTNERSHIP

LAT., LONG. OF MINE

59°53'51.29"N 155°18'2.83"W

WATERWAY:
VARIOUS

PROPOSED ACTIVITY:

MINERAL DEVELOPMENT

FILE NO.

POA-2017-271

DRAWING TITLE:

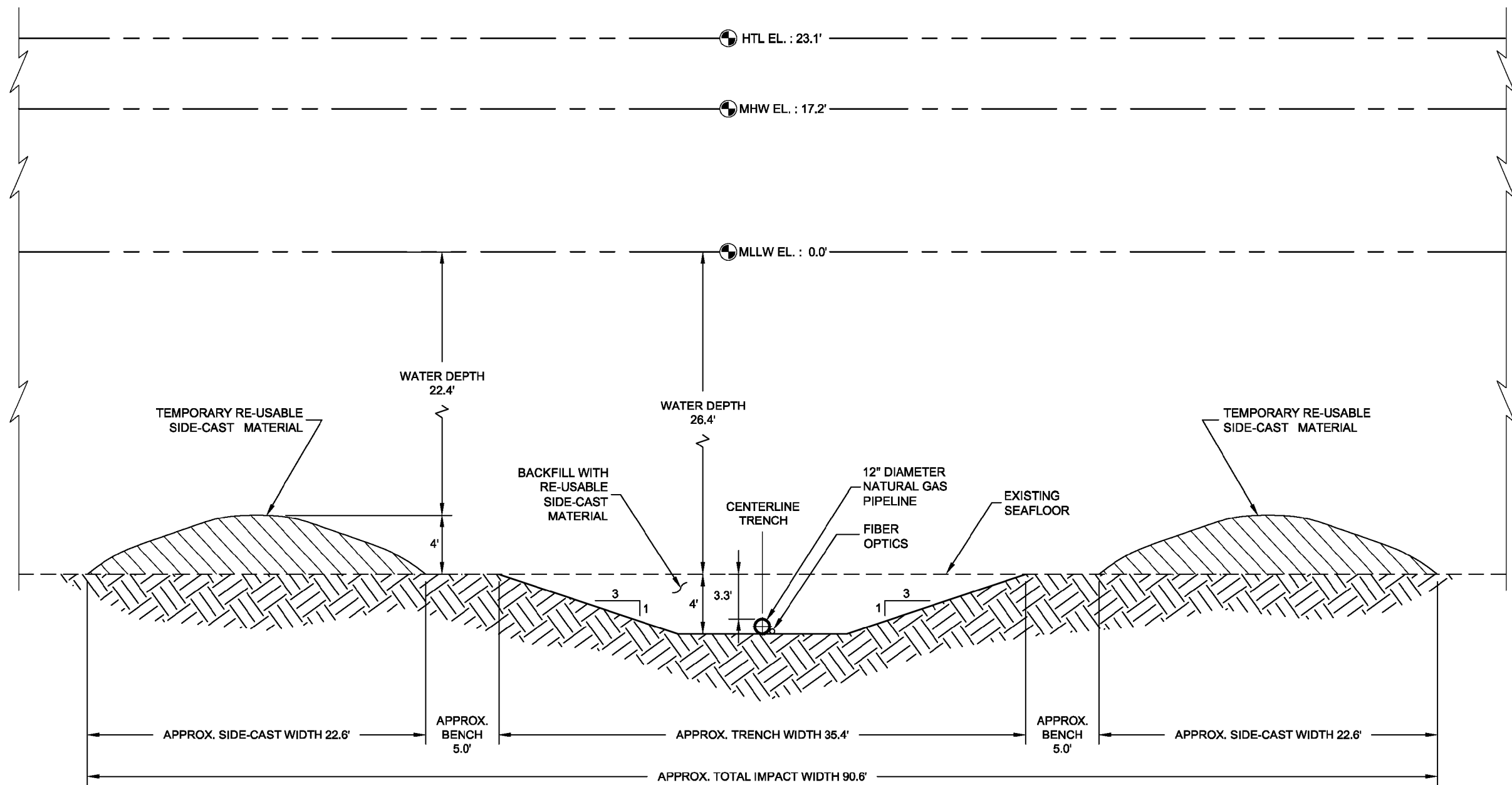
NATURAL GAS PIPELINE
WATERBODY CROSSINGS
TYPICALS

DATE:

JUNE 2020

FIGURE NO.

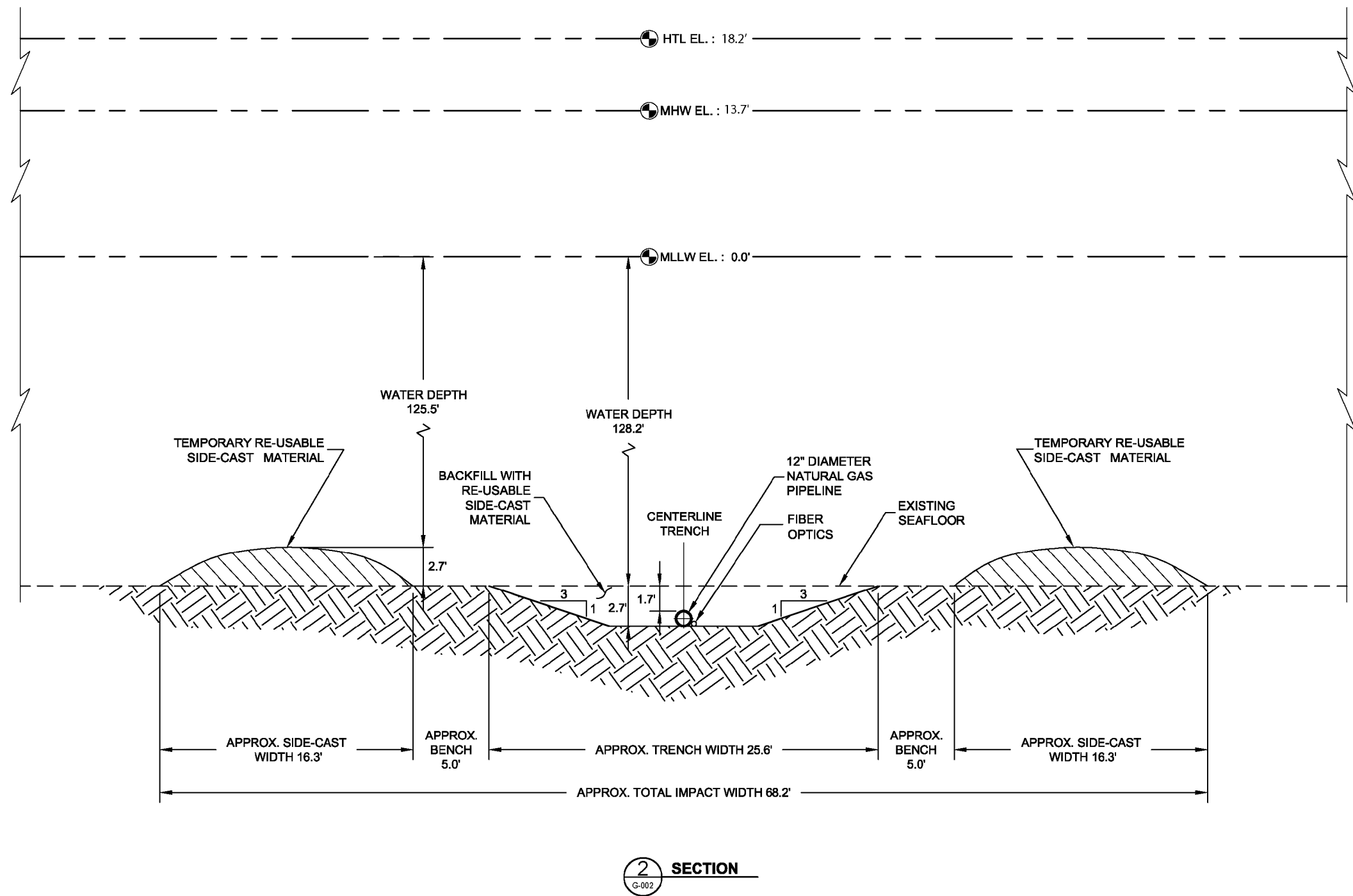
GX-004



1 SECTION
G-002

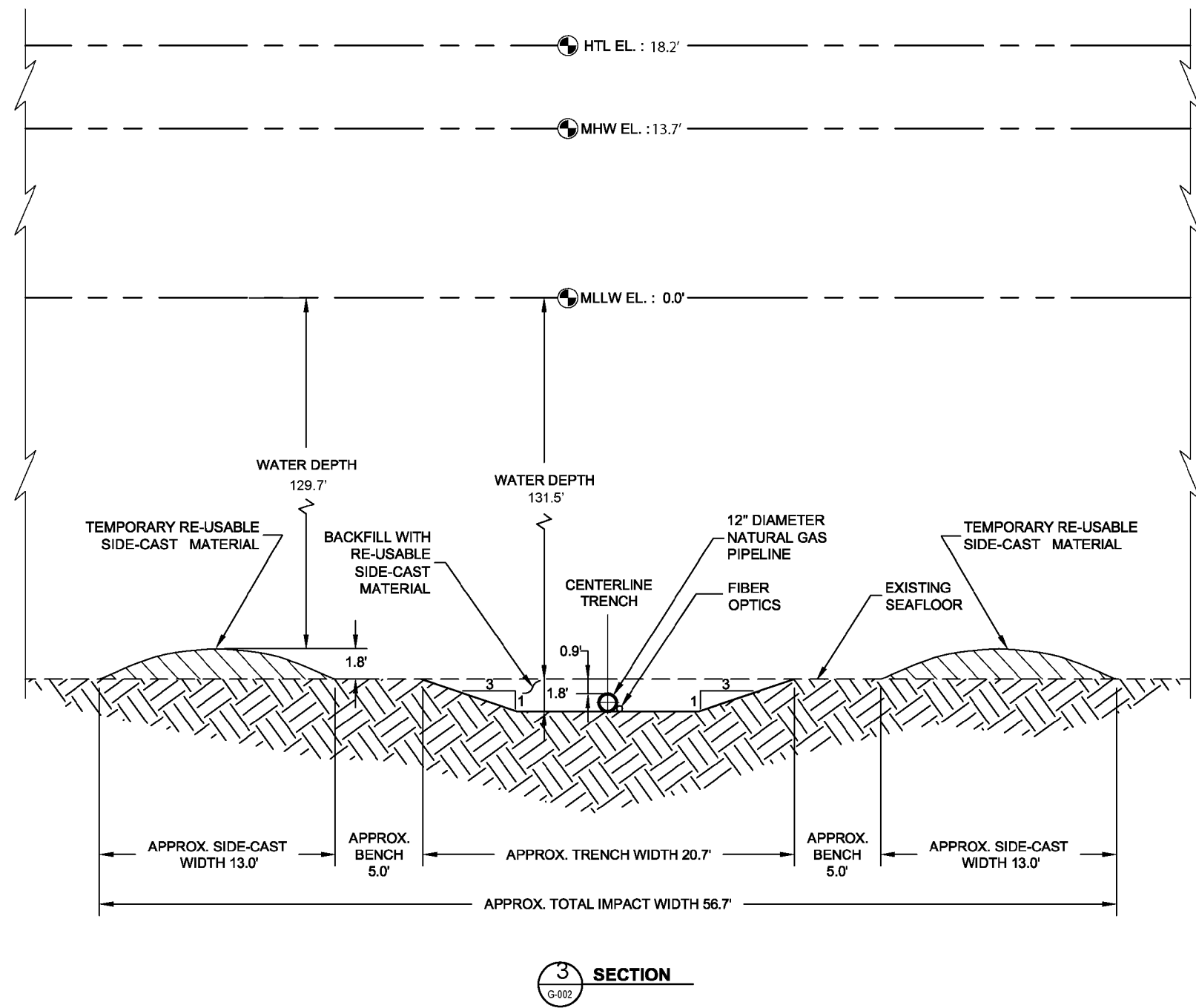
NOTE: TIDE ELEVATIONS BASED ON
SELDOVIA STATION ID 9455500

| PEBBLE PROJECT | | DRAWING TITLE: | |
|--|---|--|----------------------|
| APPLICANT: PEBBLE LIMITED PARTNERSHIP | | NATURAL GAS PIPELINE SEABED CROSS SECTION 90.6 FT TOTAL IMPACT WIDTH | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT | | |
| WATERWAY: COOK INLET | FILE NO. POA-2017-271 | DATE: JUNE 2020 | FIGURE NO. GX-005 |



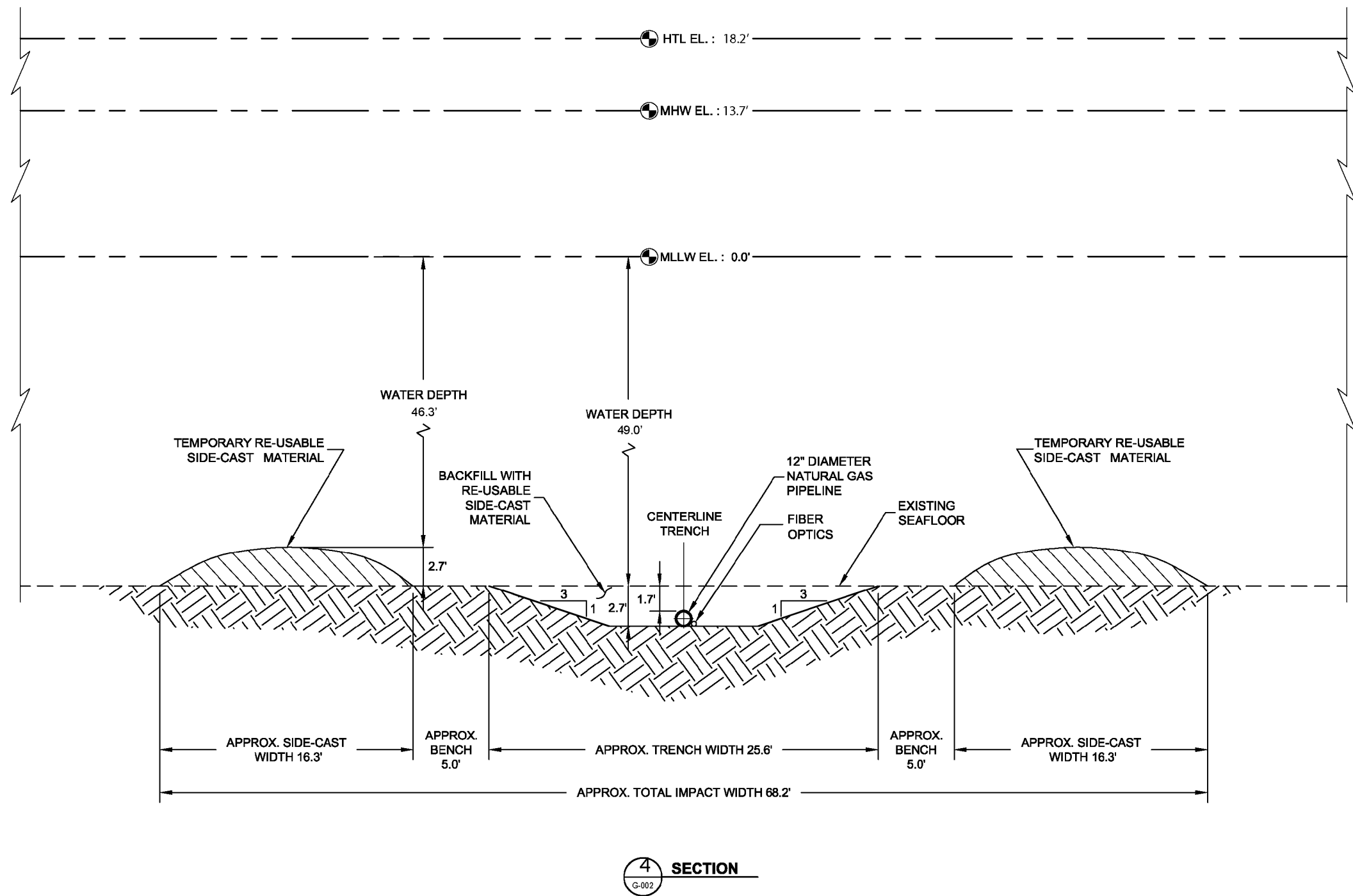
NOTE: TIDE ELEVATIONS BASED ON
SELDOVIA STATION ID 9455500
AND ADJUSTED TO REFLECT OBSERVED
TIDES IN ILIAMNA BAY NEAR DIAMOND
POINT.

| PEBBLE PROJECT | | DRAWING TITLE: | |
|--|---|--|----------------------|
| APPLICANT: PEBBLE LIMITED PARTNERSHIP | | NATURAL GAS PIPELINE SEABED CROSS SECTION 68.2 FT TOTAL IMPACT WIDTH | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT | DATE: JUNE 2020 | FIGURE NO. GX-006 |
| WATERWAY: COOK INLET | FILE NO. POA-2017-271 | | |



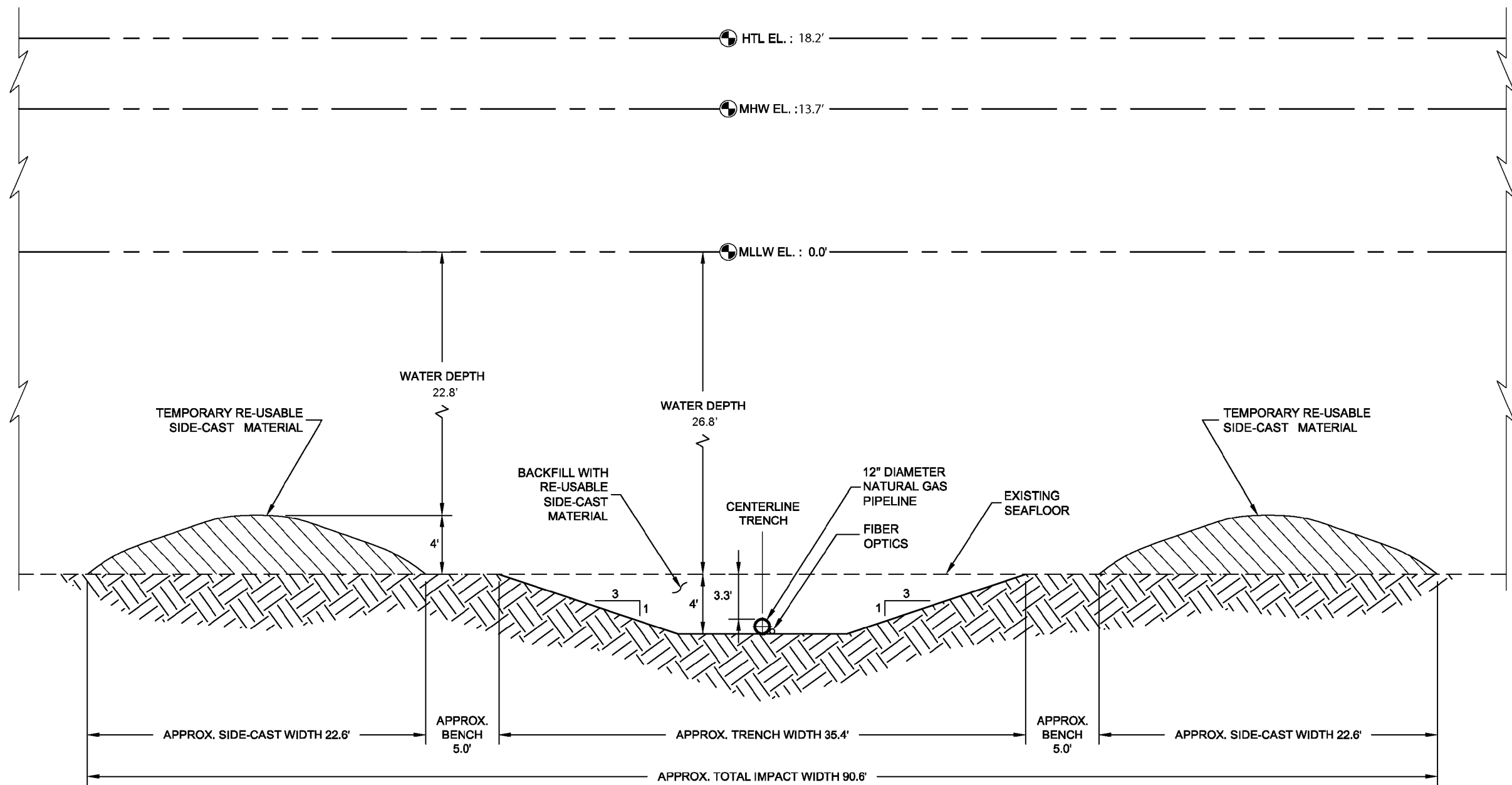
NOTE: TIDE ELEVATIONS BASED ON
SELDOVIA STATION ID 9455500
AND ADJUSTED TO REFLECT OBSERVED
TIDES IN ILIAMNA BAY NEAR DIAMOND
POINT.

| PEBBLE PROJECT | | DRAWING TITLE: | |
|--|---|--|----------------------|
| APPLICANT: PEBBLE LIMITED PARTNERSHIP | | NATURAL GAS PIPELINE SEABED CROSS SECTION 56.7 FT TOTAL IMPACT WIDTH | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT | | |
| WATERWAY: COOK INLET | FILE NO. POA-2017-271 | DATE: JUNE 2020 | FIGURE NO. GX-007 |



NOTE: TIDE ELEVATIONS BASED ON SELDOVIA STATION ID 9455500 AND ADJUSTED TO REFLECT OBSERVED TIDES IN ILIAMNA BAY NEAR DIAMOND POINT.

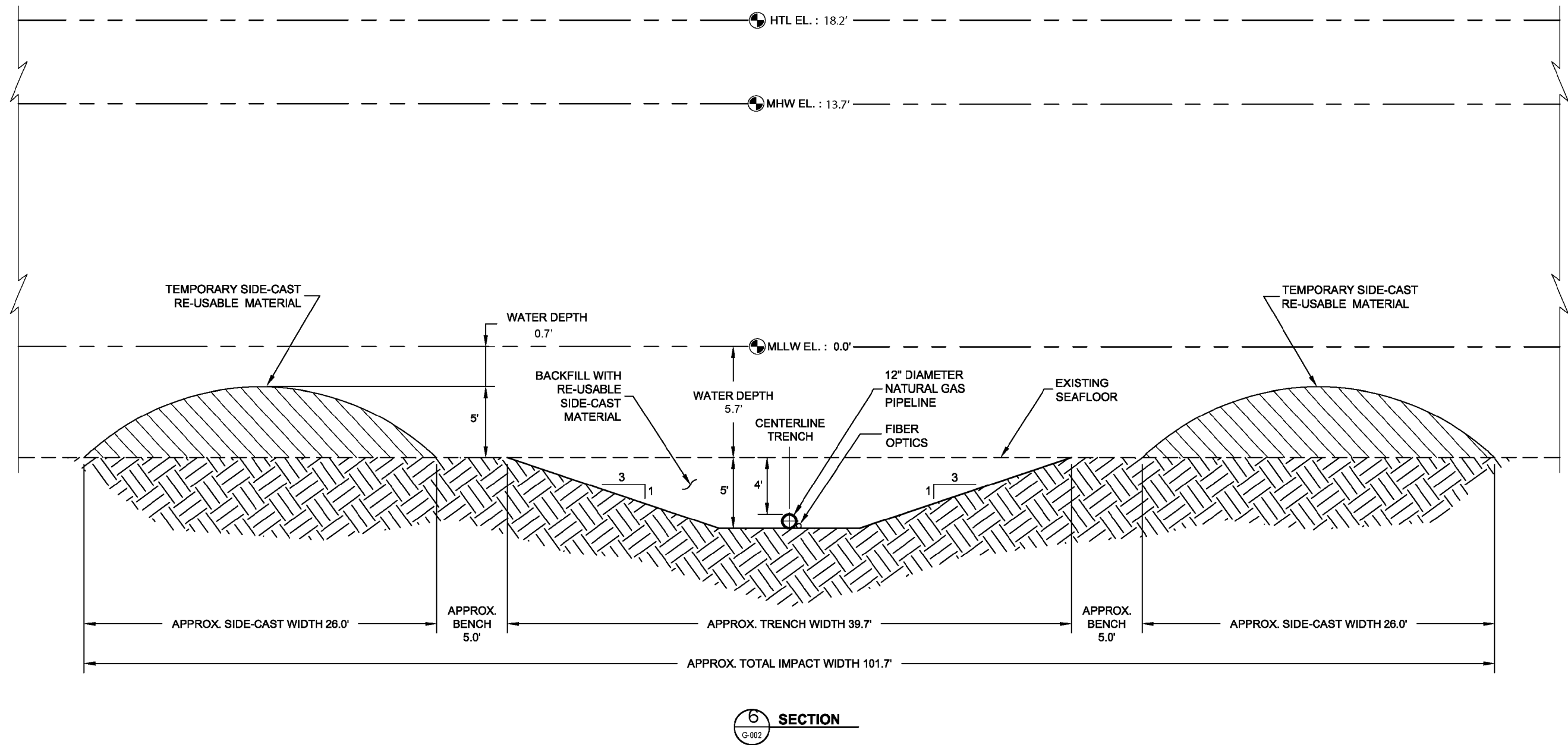
| PEBBLE PROJECT | | DRAWING TITLE: | |
|--|---|--|----------------------|
| APPLICANT: PEBBLE LIMITED PARTNERSHIP | | NATURAL GAS PIPELINE SEABED CROSS SECTION 68.2 FT TOTAL IMPACT WIDTH | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT | DATE: JUNE 2020 | FIGURE NO. GX-008 |
| WATERWAY: COOK INLET | FILE NO. POA-2017-271 | | |



5
SECTION
G-002

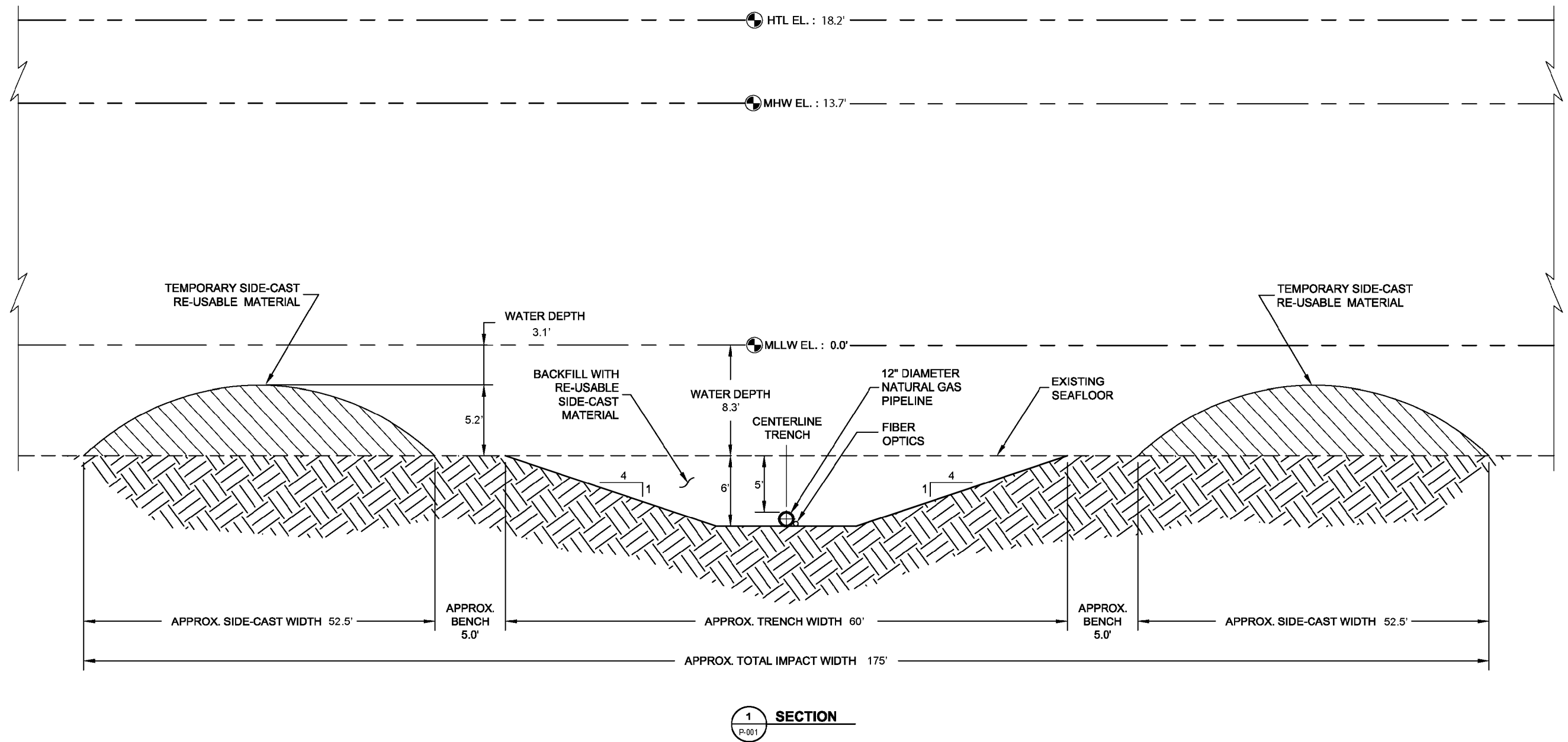
NOTE: TIDE ELEVATIONS BASED ON
SELDOVIA STATION ID 9455500
AND ADJUSTED TO REFLECT OBSERVED
TIDES IN ILIAMNA BAY NEAR DIAMOND
POINT.

| PEBBLE PROJECT | | DRAWING TITLE: | |
|--|---|--|----------------------|
| APPLICANT: PEBBLE LIMITED PARTNERSHIP | | NATURAL GAS PIPELINE SEABED CROSS SECTION 90.6 FT TOTAL IMPACT WIDTH | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT | DATE: JUNE 2020 | FIGURE NO. GX-009 |
| WATERWAY: COOK INLET | FILE NO. POA-2017-271 | | |



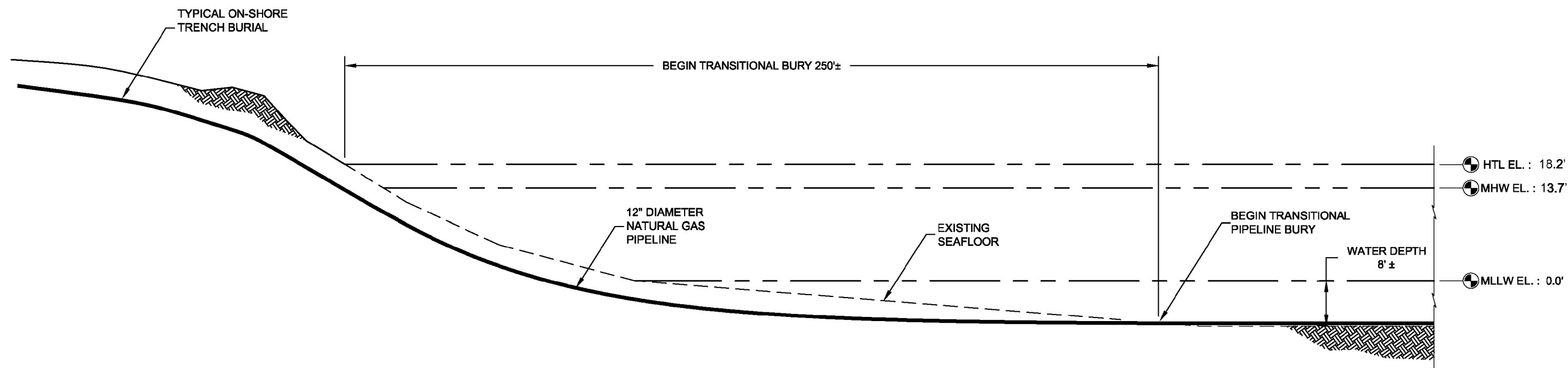
NOTE: TIDE ELEVATIONS BASED ON
SELDOVIA STATION ID 9455500
AND ADJUSTED TO REFLECT OBSERVED
TIDES IN ILIAMNA BAY NEAR DIAMOND
POINT.

| | | | |
|---|--|---|-----------------------------|
| PEBBLE PROJECT APPLICANT: PEBBLE LIMITED PARTNERSHIP | | DRAWING TITLE: NATURAL GAS PIPELINE SEABED CROSS SECTION 101.7 FT TOTAL IMPACT WIDTH | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT | | |
| WATERWAY: COOK INLET | FILE NO. POA-2017-271 | DATE: JUNE 2020 | FIGURE NO. GX-010 |



NOTE: TIDE ELEVATIONS BASED ON
SELDOVIA STATION ID 9455500
AND ADJUSTED TO REFLECT OBSERVED
TIDES IN ILIAMNA BAY NEAR DIAMOND
POINT.

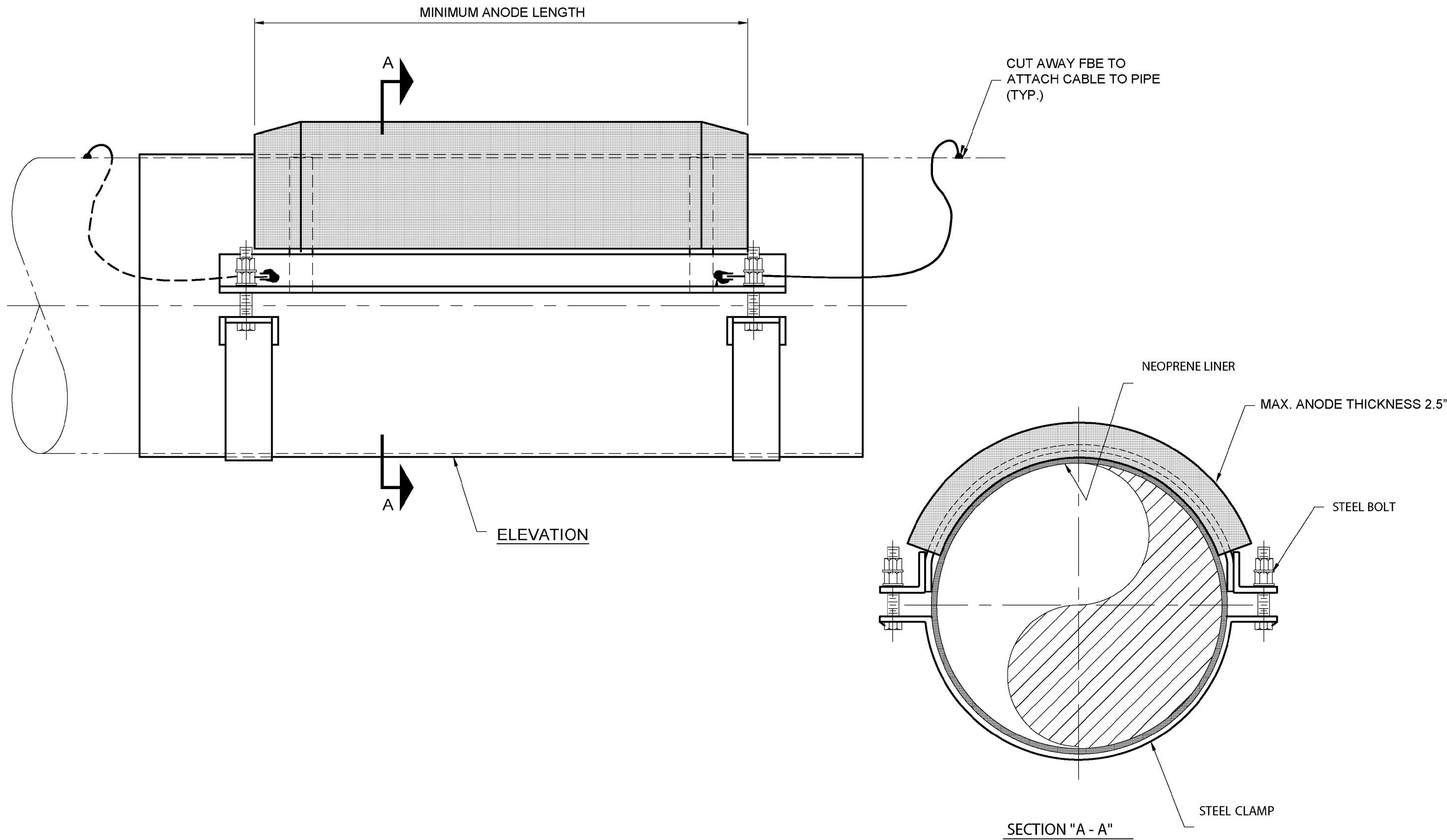
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|--|---|--|----------------------|
| APPLICANT: PEBBLE LIMITED PARTNERSHIP | | NATURAL GAS PIPELINE COTTONWOOD BAY CROSS SECTION 175 FT TOTAL IMPACT WIDTH | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT | DATE: JUNE 2020 | FIGURE NO. GX-011 |
| WATERWAY: COOK INLET | FILE NO. POA-2017-271 | | |



SECTION
G-003

NOTE: TIDE ELEVATIONS BASED ON
SELDOVIA STATION ID 9455500
AND ADJUSTED TO REFLECT OBSERVED
TIDES IN ILIAMNA BAY NEAR DIAMOND
POINT.

| | | | |
|--|--|--|---|
| <div>PEBBLE PROJECT</div> <div>APPLICANT: PEBBLE LIMITED PARTNERSHIP</div> | | <div>DRAWING TITLE:</div> <div>NATURAL GAS PIPELINE WEST COOK INLET SHORE TRANSITION PROFILE</div> | |
| <div>LAT., LONG. OF MINE</div> <div>59°53'51.29"N 155°18'2.83"W</div> | <div>PROPOSED ACTIVITY:</div> <div>MINERAL DEVELOPMENT</div> | | |
| <div>WATERWAY:</div> <div>COOK INLET</div> | <div>FILE NO.</div> <div>POA-2017-271</div> | <div>DATE:</div> <div>JUNE 2020</div> | <div>FIGURE NO.</div> <div>GX-012</div> |



| | |
|---|--|
| PEBBLE PROJECT APPLICANT: PEBBLE LIMITED PARTNERSHIP | |
| LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W | PROPOSED ACTIVITY: MINERAL DEVELOPMENT |
| WATERWAY: COOK INLET | FILE NO. POA-2017-271 |

| | |
|---|-----------------------------|
| DRAWING TITLE: NATURAL GAS PIPELINE HALF-SHELL Al-Zn BRACELET ANODE TYPICAL | |
| DATE: JUNE 2020 | FIGURE NO. GX-013 |